

IN THE CLAIMS

Please cancel claims 1-9 without prejudice or disclaimer and add new claims 21-38 as set forth below.

1. - 20. (Canceled)

21. (New) A corrosion-resisting and wear-resisting alloy, which is obtained by casting a material from a cobalt base alloy into an ingot or a slab as an intermediate material, hot plastic forming being applied to said intermediate material at a temperature which is 650°C or more and the solidus temperature or less, which includes a structure comprising mesh-like eutectic carbide and a base material surrounded by the eutectic carbide, the eutectic carbide is formed as a discontinuous distribution in a form of multiple grains or clusters, wherein the coefficient of friction is 0.1 to 0.5, and the Vickers hardness without age hardening process is 300 to 600 Hv;

wherein the cobalt base alloy comprises 0.1 to 3.5% of C, 25% or less of Ni, 25 to 35% of Cr, 5% or less of Fe, 20% or less of W, 1.5% or less of Mo, and 1.5% or less of Si in weight ratio, the remaining balance being Co and inevitable impurities.

22. (New) A corrosion-resisting and wear-resisting alloy according to Claim 21, wherein the coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

23. (New) A corrosion-resisting and wear-resisting alloy, which is obtained by casting a material from a nickel base alloy into an ingot or a slab as an intermediate material, hot plastic forming being applied to said intermediate material at a temperature which is 650°C or more and the solidus temperature or less, which includes a structure comprising mesh-like eutectic carbide and a base material surrounded by the eutectic carbide, the eutectic carbide being formed as a discontinuous distribution in a form of multiple grains or clusters, wherein the coefficient of friction is 0.1 to 0.5, and the Vickers hardness without age hardening process is 300 to 600 Hv;

wherein the nickel base alloy comprises 0.1 to 2.5% of C, 3 to 9% of Si, 7 to 25% of Cr, 0.5 to 5% of B, 2 to 6% of Fe, 1 to 5 of W and 17% or less of Mo in weight ratio, the remaining balance being Ni and inevitable impurities.

24. (New) A corrosion-resisting and wear-resisting alloy according to Claim 23, wherein the coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

25. (New) A corrosion-resisting and wear-resisting alloy, which is obtained by casting a material from an iron base alloy into an ingot or a slab as an intermediate material, hot plastic forming being applied to said intermediate material at a temperature which is 650°C or more and the solidus temperature or less, which includes a structure comprising mesh-like eutectic carbide and a base material surrounded by the eutectic carbide, the eutectic carbide being formed as a discontinuous distribution in a form of multiple grains or clusters, wherein the coefficient of friction is 0.1 to 0.5, and the Vickers hardness without age hardening process is 300 to 600 Hv;

wherein the iron base alloy comprises 0.1 to 1.5% of C, 0.3 to 4% of Si, 4 to 9% of Ni, 3% or less of Mo, 6 to 10% of Mn, and 15 to 25 of Cr in weight ratio, the remaining balance being Fe and inevitable impurities.

26. (New) A corrosion-resisting and wear-resisting alloy according to Claim 25, wherein the coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

27. (New) A fluid device wherein the corrosion-resisting and wear-resisting alloy according to Claim 1 is used for a wear-resisting part that wears due to a contacted slide or an erosion shield part that erodes due to liquid fluid.

28. (New) A corrosion-resisting and wear-resisting alloy according to Claim 27, wherein the coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

29. (New) A fluid device wherein the corrosion-resisting and wear-resisting alloy according to Claim 23 is used for a wear-resisting part that wears due to a contacted slide or an erosion shield part that erodes due to liquid fluid.

30. (New) A fluid device wherein the corrosion-resisting and wear-resisting alloy according to Claim 29, wherein the

coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

31. (New) A fluid device wherein the corrosion-resisting and wear-resisting alloy according to Claim 25 is used for a wear-resisting part that wears due to a contacted slide or an erosion shield part that erodes due to liquid fluid.

32. (New) A fluid device wherein the corrosion-resisting and wear-resisting alloy according to Claim 31, wherein the coefficient of friction of the corrosion-resisting and wear-resisting alloy is 0.1 to 0.3.

33. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 21 is joined with a base metal without changing the metal composition for application to a sliding part or a contact part.

34. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 33 has a coefficient of friction of 0.1 to 0.3.

35. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 23 is joined with a base metal without changing the metal composition for application to a sliding part or a contact part.

36. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 35 has a coefficient of friction of 0.1 to 0.3.

37. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 25 is joined with a base metal without changing the metal composition for application to a sliding part or a contact part.

38. (New) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 37 has a coefficient of friction of 0.1 to 0.3.